Technical Data Sheet

KYNOS
Powering Performance

KYNOS GLASOL

Glass Processing Oil

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KYNOS GLASOL: Premium Shear Blade Coolant and Glass Processing Lubricant

GLASOL is a specially formulated emulsion designed for the lubrication and cooling of shear blades used in glass cutting operations.

Developed to deliver exceptional performance, it offers superior lubrication and cooling while minimizing the presence of irritating by-products commonly associated with traditional glass production lubricants, ensuring a cleaner and safer working environment.

Applications

- Used for spraying on glass drop shear blades in glass cutting operations.
- Provides lubrication and cooling to prevent overheating and wear, ensuring longer blade life.
- To maintain a stable emulsion, add GLASOL to water—never water to the oil—using proper agitation to avoid algae and fungus formation.
- Prevents blockage of the spraying system; periodic addition of an algaecide biocide (at 1:1000 ratio) is recommended.

Benefits

- Reduced shear marks
- Prolonged shear blade life
- Easy maintenance of spraying systems

Dilution

Dilute in a concentration of 0.3-0.5%. For optimum performance and minimal bacteria growth, the use of demineralised water is strongly advised.

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Storage

To be kept under cover. If packages are kept at the open air, rainwater or moisture will contaminate the product. Lubricating oils and greases should not be exposed to sunlight or at low temperatures (frost).

Typical Performance Data

Properties	Test Method	GLASOL
Appearance	Visual	Milky White Emulsion
Density @ 15 °C, g/ml	ASTM D-4052	0.95 – 1.05
Viscosity @ 40 °C, mm2/s	ASTM D-445	50 - 80
pH (5% emulsion)	ASTM E-70	8.5 – 9.5
Flash Point, °C	ASTM D-92	> 150
Solubility	Internal Method	Completely miscible in water
Corrosion Test (Copper Strip)	ASTM D-130	1a
Algae/Fungus Resistance	Internal Method	Excellent (with biocide use)
Foam Tendency	ASTM D-892	Low
Chlorine & Sulphur	-	Free
Emulsion Type	-	Oil - Water
Emulsion Stability	ASTM D-3707	Stable

*All performance data on this Technical Data Sheet are indicative only and may vary during production.